

# IBIC2012

Tsukuba International Congress Center “EPOCHAL”

Tsukuba, Japan

Oct 1 – 4, 2012

## Conference Guide Excerpt (for download)

2012/08/29

Hosted by  
KEK, Tsukuba, Japan

<http://ibic12.kek.jp/>

## Conference Venue

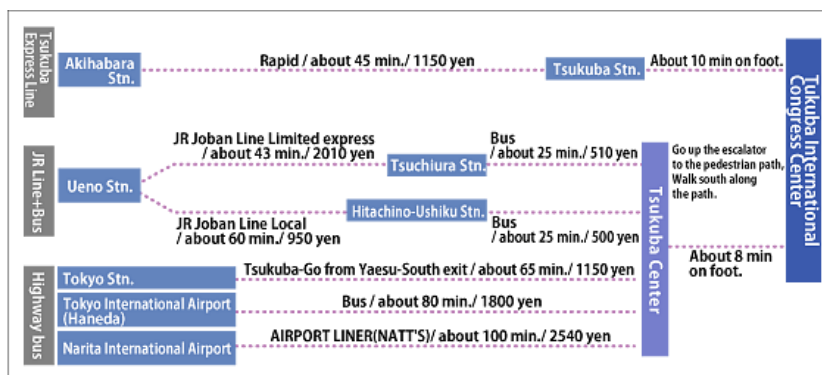
IBIC2012 will be held at Tsukuba International Congress Center, so called “EPOCHAL TSUKUBA” . All plenary sessions will be held at “Convention Hall 300” , on the 3<sup>rd</sup> floor of the building.

### Address

2-20-3, Takezono, Tsukuba, Ibaraki 305-0032, Japan

Tel: +81-29 (861) 0001 Web: <http://www.epochal.or.jp/eng/>

### Transportation



Timetable of airport highway bus (between Narita and Tsukuba).

Airport Liner NATT'S			
Narita→Tsukuba (for Tsuchiura Station)		Tsukuba→Narita [Reservation obligatory]	
Narita Airport	Tsukuba Ctr.	Tsukuba Ctr.	Narita Airport
7:40	9:20	6:00	7:45
9:05	10:45	7:00	8:45
10:35	12:15	8:50	10:30
12:50	14:30	10:40	12:20
14:30	16:10	12:20	14:00
16:15	17:55	13:35	15:15
17:20	19:00	14:35	16:15
18:45	20:25	15:50	17:30
20:10	21:50	17:35	19:15
Reservation: 029-822-5345 (9:00-19:00)			
Fare: JPY2540, for one way			

Timetable of Tsukuba Express train (between Akihabara and Tsukuba).

Akihabara → Tsukuba			
Weekday (Mon-Fri)		Weekend (Sat/Sun/Holiday)	
5	30	45	57
6	05	20	29 45 52
7	00	11	24 37 46
8	02	08	15 24 34 47 57
9	09	17	22 30 45
10	00	15	22 30 45 52
11	00	15	22 30 45 52
12	00	15	22 30 45 52
13	00	15	22 30 45 52
14	00	15	22 30 45 52
15	00	15	22 30 45 52
16	00	15	22 30 45 52
17	00	17	22 30 40 50
18	00	10	20 30 40 50
19	00	10	20 30 40 50
20	00	10	20 30 40 50
21	00	12	23 36 48 55
22	00	15	30 45 51
23	00	15	30

Tsukuba → Akihabara			
Weekday (Mon-Fri)		Weekend (Sat/Sun/Holiday)	
5	07	28	32 51
6	12	32	41 56 57
7	06	12	25 27 42 56 57
8	12	26	31 47
9	00	14	25 32 45 55
10	02	15	25 30 44 55
11	02	14	25 30 44 55
12	00	14	25 30 44 55
13	00	14	25 30 44 55
14	00	14	25 30 44 55
15	00	14	25 30 44 55
16	00	14	25 30 43 51
17	09	12	21 32 48 51
18	02	19	21 31 38 49 51
19	09	19	21 38 49 51
20	09	19	24 39 51
21	08	11	27 42 57
22	14	27	40 57
23	14		

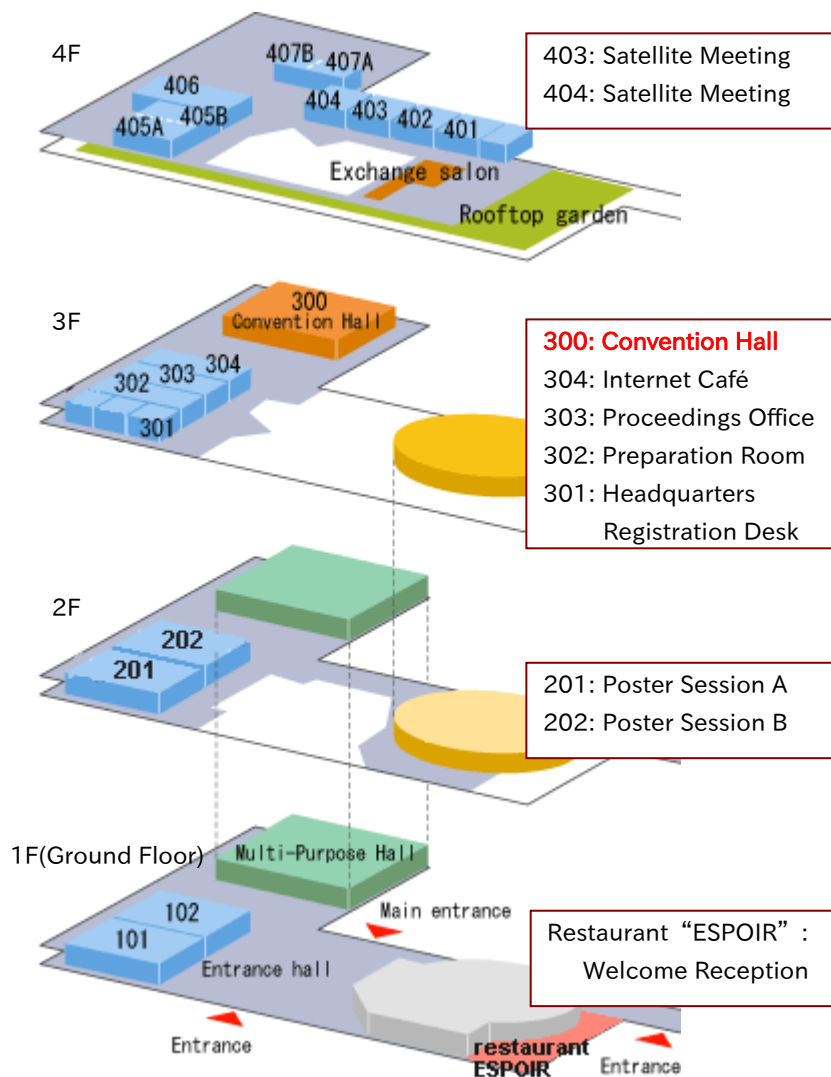
red	rapid	45 min
blue	semi-rapid	52 min
black	local	57 min

Fair : JPY 1,150 (Adult), JPY 580 (Child)  
(This timetable is valid until 2012/Oct/15)

## Map around Tsukuba city / Center of the city



## Floor Guide



## **Registration and Conference Desk**

The registration desk will take place in the following schedule:

- Sep. 30 (Sun) 17:00 – 20:00 at restaurant “ESPOIR”
- Oct. 1 (Mon) 8:00 – 18:00 in front of Headquarters (301)
- Oct. 2 (Tue) 8:00 – 18:00 in front of Headquarters (301)
- Oct. 3 (Wed) 8:00 – 15:00 Headquarters (301)
- Oct. 4 (Thu) 8:30 – 12:30 Headquarters (301)

## **Welcome Reception**

On Sunday Sep 30, a welcome reception will be held at restaurant “ESPOIR” in the conference venue from 18:00 – 20:00.

# Tentative Timetable

Please visit IBIC12 Webpage for the latest timetable.

	Sunday September 30	Monday October 1		Tuesday October 2	
0830		Welcome by Chair	15	Beam Instrumentation Global NETWORK [BIGNet]: A Common Web Portal for Beam Instrumentalists - J.J. Gras CERN	20+5
		Accelerator Projects at KEK K. Oide	15+5	Tutorial #1	60+10
0900		Bigger, Brighter and more Powerful H. Schmickler	35+10	BPM Electrode and High Power Feedthrough - Special Topics in Wideband Feedthrough	
0930				M.Tobiyama KEK	
1000		Coffee Break 9:50 - 10:20	30	Coffee Break 10:05 - 10:35	30
		Beam Instrumentation of SuperKEKB Rings H.Fukuma KEK	20+5	Progress of Beam Instrumentation in J-PARC Linac	35+10
1030		A Generic BPM Electronics Platform for European XFEL, SwissFEL and SLS B.Keil PSI	20+5	A.Miura JAEA/J-Parc	
1100		Modeling and Performance Evaluation of DCCTs in SSRF Z. Chen SSRF	20+5	Femtosecond Resolution Bunch Profile Diagnostics	35+10
1130		Vertical emittance measurements using a vertical undulator K. Wootton Uni Melbourne	20+5	B. Schmidt DESY	
1200		Group Photo	20	Student Grant Award	15
1230		Lunch 12:20 - 13:50	90	Lunch 12:20 - 13:50	90
1300					
1330					
1400		UV/X-ray Diffraction Radiation for Non- intercepting Micron-scale Beam Size Measurement - L.M.Bobb CERN	20+5	Electron Storage Ring as a Single Shot Linac Beam Monitor	20+5
				Y. Shoji LASTI	
1430		Electron Beam Diagnostic System for the Japanese XFEL, SACLA H. Maesaka RIKEN/SPring-8	35+10	Direct Observation of the Dust-trapping Phenomenon	35+10
				Y. Tanimoto KEK	
1500		The first observation of the electron bunch measurement by means of organic EO crystals DAST - Y. Okayasu JASRI/SPring8	20+5	Design and expected performance of the new SLS emittance monitor	20+5
				V. Schlott PSI	
1530		Improvement of Screen Monitor with Suppression of Coherent-OTR for SACLA S. Matsubara Riken/SPring8	20+5	Measurement of Nanometer Electron Beam Sizes with Laser Interference using IPBSM	20+5
				Y. Yan U-Tokyo	
1600		coffee break 15:50 - 16:20	30	coffee break 15:50 - 16:20	30
1630			90		90
1700	Registration	Poster Session 1 16:20 - 17:50		Poster Session 2 16:20 - 17:50	
1730					
1800	Reception (until 20:00)	Special Invited Talk MOIF01 T. Kobayashi 18:00 - 19:00	60		
1830					

Vendor Exhibition



Wednesday October 3		Thursday October 4		Friday October 5	
0830	Theoretical and Experimental Investigation on Resolution of OTR Transverse Beam Profile Monitor - A.S. Aryshev KEK	20+5		Excursion Nikko	
0900	Tutorial #2 Learning from Beams - Beam Instrumentation, signal processing, and (mis) applications of Linear Time Invariant System formalisms J. Fox SLAC	60+10	Tutorial #3 Beam Position Monitors for Circular Accelerators S. Hiramatsu KEK		60+10
0930					
1000	Coffee Break 10:05 - 10:35	30	Coffee Break 10:10 - 10:40		30
1030	Overview of ESS Beam Diagnostics A. Jansson	35+10	E-Lens Test Stand Instrumentation Progress T.A. Miller BNL		20+5
1100	Review of Reliability Concepts Applied to Beam Loss Monitoring Systems B. Dehning	35+10	Twisting Wire-Scanner V.Gharibyan DESY		20+5
1130			IBIC13 Announcement Closing Remarks		30
1200	Lunch 12:05 - 13:50	105	Lunch 12:00 - 13:30		90
1230					
1300					
1330					
1400	IFMIF-LIPAc diagnostics and its challenges J.Marroncle CEA/IRFU	20+5	Tour KEK or J-Parc		
1430	Recent Progresses in SR Interferometer T. Mitsuhashi KEK	35+10			
1500	Intensity Imbalance Optical Interferometer Beam Size Monitor M. Boland ASCo	20+5			
1530	Analysis of the Electro-Optical Frontend for the New 40 GHz Bunch Arrival Time Monitor System - A.Kuhl Uni HH	20+5			
1600	coffee break 15:50 - 16:20	30			
1630	Operation of a Single Pass, Bunch-by-bunch x-ray Beam Size Monitor for the CESR-TA Research Program - N. Rider CLASSE	20+5			
1700	BIW 2012 Highlights K.Jordan JLab	25+5			
1730					
1800					
1830	Conference Dinner 18:30-21:00				

Vendor Exhibition